

Timber Post Selection

Notes:

The following designs are *not permitted* when a sign is to be located in or outside the design clear zone in an area where it is likely to be struck by an errant vehicle:

1. A sign with any post larger than 6x8 inches
2. A 2-post, 3-post, or 4-post sign that uses 6-inch or larger posts and has two posts spaced less than 7 ft apart on center.

Post Size (in)	(X)(Y)(Z) (ft³)				D (ft)
	Number of Posts				
	1	2	3	4	
4 x 4	60	115	175	235	3
4 x 6	125	335	500	675	4
6 x 6	200	415	620	815	4
6 x 8	330	695	1150	1515	5
6 x 10	670	1355	2030	2700	6
8 x 10	835	1685	2515	3360	6
6 x 12	985	2005	2965	3945	7

Values shown are the maximum permitted.

For timber grade requirements, see the *Standard Specifications*, 9-09.2.

Foundation depths are based on allowable lateral bearing pressure in excess of 2500 psf.

If the value (X)(Y)(Z) amount exceeds the limit for 6x12 post(s), use steel post(s) for sign installation.

A = Vertical distance from edge of traveled way to edge of shoulder

B = Vertical distance from slope catch point to centerline of longest post

C = Vertical distance between adjacent posts

X & Y = Single sign or back-to-back signs: overall dimensions of the sign –

Multiple signs: dimensions of the area within the perimeter of a rectangle enclosing the extremities of the sign